

# Hari Krishna Vetharenian

harik@u.nus.edu

## Work Experience:

### Semantics3 Inc., Singapore/India: Feb. 2016 - Jun. 2019

- Involved in major migration projects of production systems involving code re-architecture and infrastructure upgrades
- Responsible for managing and improving the primary ETL data pipelines of the company

### Ubersnap Inc., Singapore: Jun. 2015- Jan. 2016

- Built the API backend for the Ubersnap iOS mobile app, using the Django framework for Python
- Built a dashboard for use in live events conducted by Ubersnap using AngularJS and Masonry which allows for videos taken at the event to be display in a tiled fashion

### Hagglr Inc., Singapore: Dec. 2012 – Jun. 2014

- Built the payments system [Django back-end] for the website using PayPal APIs. Integrated with Authorisation, Express Checkout and Invoicing APIs and set up an error monitoring system for delayed payments using Webhooks
- Part of the **NUS Overseas Colleges' iLead Programme** which entails full-time internship and a 2 week overseas study mission

## Education:

### **Masters in Public Policy - June 2021**

Lee Kuan Yew School of Public Policy, Singapore

### **B.Eng. (Hons.), Computer Engineering - June 2015**

National University of Singapore, CAP: 4.00/5

*Minor in Technopreneurship*

### **Graduate Certificate in Public Policy - May - July 2018**

The Takshashila Institution

*Intensive 13-week course that included a policy analysis workshop and submission of a policy memo on "India's Innovation and Entrepreneurship policy"*

### **Policy in Action Program Fellow - Bengaluru 2019**

Young Leaders for Active Citizenship

*Month long programme focussed on developing policy skills that culminated in presenting a policy brief on "State of policies and funds allocated for irrigation projects in Telangana" to K. Kavitha, Member of Parliament (Lok Sabha)*

## Projects in Bachelors' Coursework:

- **UROP(Undergraduate Research Opportunities Programme) Research:**  
Performance Characterization of Weather Research Forecast (WRF) algorithm on different network architectures [Collaboration with Institute for Infocomm Research - I2R] [[Paper](#)]